ECS/EMD Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Org.
Henry Baez	**10/05/04**	**04-0520**	—	301-925-1025	3108G	COTS HW

8. CCR Title: Release Firewall Configuration Guidelines Engineering Technical Directive to DAAC and SMC.

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 10/7/2004
Henry Baez /s/ 10/04/04	**II**	**CCR**	

13. CCR Sponsor Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
Pamela Johnson /s/ 10/05/04	<mark>Initial ECS Baseline Doc.</mark>	Routine

16. Documentation/Drawings Impacted *(Review and submit checklist):*	17. Schedule Impact:	18. CI(s) Affected:

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost: <mark>None - Under 100K</mark>

22. Source Reference: ☐NCR (attach)   ☐Action Item   ☐Tech Ref.   ☐GSFC   ☐Other:

23. Problem: (use additional Sheets if necessary)
After the IBM AUX 5.1 upgrade, it was notice that there where several new services running on the firewall. The IBM upgrade start services having to do with monitoring and management of the IBM.   The AIX 5.1 upgrade overwrote the /etc/sendmail.cf file. Portmap service is running on the firewalls. The eBorder process runs under root permission.

24. Proposed Solution: (use additional sheets if necessary)
This ETD covers several configurations changes to the firewall server. All but one of the new services is not needed and have to be turned off in order to tighten OS security.   The sendmail.cf needs one change made to the file to stop unneeded syslog error messages. Portmap process needs to be turned off, not required. Due to problems found running spoofmon on the 10 network interfaces, turn off Portus spoofmon officially. The eBorder change has the user nobody instead of root own the ebserver processes for added security.

25. Alternate Solution: (use additional sheets if necessary)
None.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Firewall security is reduce. Firewall vulnerability is higher then need be. Firewall scan by NASA will report ports open that need not be. Excessive worthless log entries.

27. Justification for Emergency (If Block 15 is "Emergency"):

28. Site(s) Affected: ☐EDF   ☐PVC   ☐VATC   ☒EDC   ☒ GSFC ☒LaRC   ☒NSIDC   ☒SMC ☐AK ☐JPL
☐EOC   ☐ IDG Test Cell   ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. SCDV CCB Chair (Sign/Date): **Byron V. Peters /s/ 10/7/04**	Disposition: <mark style="color:red">Approved</mark> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

33. EDF CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS

34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS